

From glowbugs@theporch.com Mon Aug 26 22:42:48 1996  
Return-Path: <glowbugs@theporch.com>  
Received: from uro (localhost.theporch.com [127.0.0.1]) by uro.theporch.com  
(8.8.Alpha.9/AUX-3.1.1) with SMTP id WAA04478; Mon, 26 Aug 1996 22:37:46 -0500  
(CDT)  
Date: Mon, 26 Aug 1996 22:37:46 -0500 (CDT)  
Message-Id: <199608270337.WAA04478@uro.theporch.com>  
Errors-To: ws4s@midtenn.net  
Reply-To: glowbugs@theporch.com  
Originator: glowbugs@theporch.com  
Sender: glowbugs@theporch.com  
Precedence: bulk  
From: glowbugs@theporch.com  
To: Multiple recipients of list <glowbugs@theporch.com>  
Subject: GLOWBUGS digest 273  
X-Listprocessor-Version: 6.0c -- ListProcessor by Anastasios Kotsikonas  
X-Comment: Please send list server requests to listproc@theporch.com  
Status: 0

#### GLOWBUGS Digest 273

Topics covered in this issue include:

- 1) Re: Regen help  
by Jeff Duntemann <jeffd@coriolis.com>
- 2) Speakers in Collins 516F-2 P.S.???  
by "James P. Rybak" <jrybak@mesa5.Mesa.Colorado.EDU>

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Date: Mon, 26 Aug 1996 08:25:36 PDT  
From: Jeff Duntemann <jeffd@coriolis.com>  
To: herr@ridgecrest.ca.us  
Cc: glowbugs@theporch.com  
Subject: Re: Regen help  
Message-ID: <1.5.4.32.19960826082245.00e9c4bc@ntserver.coriolis.com>

At 12:43 PM 8/24/96 -0500, you wrote:

>Hello gang,  
> Well, I built a grounded grid preamp for the regen using a 6C4 and it  
>works well in reducing the antenna swing problem. Now i am ready to attack  
>the general receiver signal strength problem. This is a heathKit GR-81  
>regen receiver, using the common 12AT7 / 50C6 / 35W4 combination. The  
>receiver just doesn't seem that sensitive as it should be. This is both  
>with and without the preamp. For example, the highest band, about 5 megs  
>though 18 megs, is relative dead from 5 to 9 megs. About 9 to 13 megs it is  
>reasonably well. This is not a antenna match problem, as it persists with a  
>wid variety of antennas and matching combos. On 40, using a dipole, I can

>read stron signal, but only at max volume and only with a headset. Checked  
>the tube and put in known good ones, with no improvement. I have lost /  
>misplaced the manual and am looking for a copy. Any ideas out there as to  
>where I could start in trouble shootin'?

>73

>Mike WA6ARA

I don't know that unit, but if it uses cathode biasing with a bypassed resistor, check to see if the cap across the cathode resistor is open. That would drastically reduce the gain of the stage, if I don't misrecall.

--73--

--Jeff Duntemann KG7JF  
Scottsdale, Arizona

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Date: Mon, 26 Aug 1996 13:25:06 -0600 (MDT)  
From: "James P. Rybak" <jrybak@mesa5.Mesa.Colorado.EDU>  
To: Glowbugs <glowbugs@theporch.com>  
Subject: Speakers in Collins 516F-2 P.S.???  
Message-ID: <Pine.SV4.3.91.960826132429.22028A-1000000@mesa5.mesa.colorado.edu>

I've seen several Collins 516F-2 power supplies with speakers in them. Were these "from the factory" or did people add the speakers later? I can't find any mention of p.s. units with speakers in my Collins literature. If they were modified by the user, how did people get the nice uniform elliptical cut-outs in the black masonite board (or whatever) on which the speaker is mounted in the front of the case? I have a 516F-2 without a speaker and an unmounted Collins 4-ohm speaker and I don't want to do a botched up job of mounting the speaker in the p.s.

Thanks.

Jim WOKSD

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End of GLOWBUGS Digest 273

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